

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) Polymer electrolyte for an electrochemical generator, wherein the polymer electrolyte ~~said polymer electrolyte exhibits a stability voltage higher than 4 volts and comprises:~~

(a) at least one four-branched polymer having a hybrid termination, wherein at least one branch of said four branched polymer is capable of giving rise to cross-linking; with

(b) at least one component selected from the ~~following families:~~

~~(b1) group consisting of~~ SiO_2 , $\text{or Al}_2\text{O}_3$; ~~and,~~

~~(b2) nano~~ TiO_2 noncoated, ~~and~~ ~~or~~ nano TiO_2 coated with an organic material that is compatible with a tetrafunction terminal acryloyl-modified alkylene oxide polymer, the organic material being selected from at least one polyol or at least one polyethylene-polyoxyethylene copolymer or with an inorganic material selected from SiO_2 and Al_2O_3 ; and wherein the polymer electrolyte exhibits a stability voltage higher than 4 volts.

2. (Currently Amended) Polymer electrolyte according to claim 1, further comprising a salt ~~or a mixture of salts~~ with a plasticizing agent or a mixture of salts with a plasticizing agent.

3. (Original) Polymer electrolyte according to claim 2, in dry form (free solvent), obtained by adding a lithium salt or a mixture of salts (in the matrix) of the polymer in order to provide ionic conductivity.

4. (Currently Amended) Polymer electrolyte according to claim 3, in which the lithium salts are ~~of the type:~~ selected from the group consisting of $\text{LiN}(\text{SO}_2\text{CF}_3)_2$; LiTFSi ; $\text{LiN}(\text{SO}_2\text{C}_2\text{F}_5)_2$; BETI ; $\text{LiC}(\text{SO}_2\text{CF}_3)_3$; LiBF_4 ; LiPF_6 ; LiClO_4 ; LiSO_3CF_3 ; ~~or~~ and LiAsF_6 .

5. (Currently Amended) Polymer electrolyte according to claim 2, in which the plasticizing agent ~~consists~~ is comprised of at least one organic solvent selected from the group consisting of: an ethylene carbonate, a propylene carbonate, a γ -gamma butyrolactone, a dimethyl carbonate, a diethyl carbonate, a tetra ethyl-sulfone amide, and a methyl-ethyl carbonate (EMC).

6. - 60. (Canceled)

61. (New) Polymer electrolyte according to claim 1, wherein the stability voltage is higher than 4.5 volts.